

Edmond Shrem and Sam Stolarov SE practice

Who uses it: "Jews, and really shtark goyim" - Sam, 2024

Why does he use it: Because he wants to understand the word better. In knowing where the individual word appears, he can know its connotations. Also gematria ;)

Function: user inputs hebrew word, program spits out all of the places where this word appears in tanakh, as well as its gematria and number of appearances.

If the user wishes, they can pull up any of the specific pessukim that a word appears in

Workflow: he enters the word. He also toggles whether or not he wants specifically that spelling, or also instances that are maleh/haser.

Data Structures: A trie which contains all words in tanach. At the end of each word in the trie, the values will be: the words gematria and the locations it appears (for example, Gen 1:1). There will also be a map from the reference to pesuqim (gen 1:1) to the actual pessuqim so that the user can grab them if they wish.